

In the Claims:

Please amend claims 1, 7, 12-14, 20, 21 and 23 in the following manner:

B1

1 1. (Amended) An internal combustion engine arrangement comprising:
2 a spark-ignited internal combustion engine;
3 an exhaust line receiving exhaust gas from the internal combustion engine;
4 an oxide gas absorber in the exhaust line including a support member; and an
5 absorption layer on a surface of the support member having [an enlarged] a total surface
6 area which is larger than that of the underlying area of the support member accessible to
7 exhaust gas flowing through the exhaust line for reversible absorption of at least one
8 nitrogen oxide (NO_x) and/or at least one oxide of sulfur (SO_x); and,
9 a control unit for controlling the temperature of the absorption layer by adjusting
10 composition parameters of the exhaust gas so that the absorption layer can be heated to a
11 temperature at which the layer is regenerated by desorbing absorbed NO_x or SO_x.

B2

1 7. (Amended) An internal combustion engine arrangement according to claim 1
2 wherein the support member contains a plurality of parallel passages [having a closed
3 cross-section] through which exhaust gas can be passed and the absorption layer is on the
4 inside surface of the passages..

B3

1 12. (Amended) An internal combustion engine arrangement according to claim 1
2 wherein the [enlarged] surface area of the absorption layer provides an area of at least
3 20 m² accessible to the exhaust gas per gram of the absorption layer.

1 13. (Amended) An internal combustion engine arrangement according to
2 claim 12 wherein the [enlarged] surface area of the absorption layer provides an area of at
3 least 40 m² accessible to the exhaust gas per gram of the absorption layer.

B3 1 14. (Amended) An internal combustion engine arrangement according to
2 claim 13 wherein the [enlarged] surface area of the absorption layer provides an area of at
3 least 100 m² accessible to the exhaust gas per gram of the absorption layer.

1 20. (Amended) An internal combustion engine arrangement according to claim 1
2 wherein the absorption layer releases NO_x and/or SO_x in a reducing atmosphere and/or at
3 [low oxygen concentration in the exhaust gas] $\lambda \leq 1$.

B4 1 21. (Amended) An internal combustion engine arrangement according to either
2 of claim 19 or claim 20 including an oxygen concentration [determining] measuring
3 means for determining a value representing the oxygen concentration in the exhaust gas
4 and supplying a signal representing the oxygen concentration as an input signal to the
5 control unit, and wherein the control unit uses the oxygen concentration signal to control
6 [charging or discharging] regeneration of the absorber.

B5 1 23. (Amended) An internal combustion engine arrangement according to
2 claim 22 including a temperature [determining] measuring means for determining a value
3 representing the temperature of at least one of: (a) the exhaust gas; (b) the absorption
4 layer; and (c) the support member; and supplying a signal corresponding to that value as